

# WEST Search History for Application 10559698

Creation Date: 2009121610:22

((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009  
 ((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio) ) near1 (reduction or reduc\$6 or min or minimiz\$6)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009  
 carrier\$ or multi-carrier\$ or ((multi or multiplicity) near1 carrier\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009  
 ((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio) near1 (reduction or reduc\$6 or min or minimiz\$6) ) same (carrier\$ or multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009  
 (correct\$6 near1 signal\$) same ((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio) )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009  
 ((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio) near1 (reduction or reduc\$6 or min or minimiz\$6) ) same (correct\$6 near1 signal\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009  
 ((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio) near1 (reduction or reduc\$6 or min or minimiz\$6) same carrier\$ or multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) ) and ((crest adj1 factor\$) or PAR or (peak adj1 average adj1 ratio) near1 (reduction or reduc\$6 or min or minimiz\$6) same (correct\$6 near1 signal\$) )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 03-30-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
multi-carrier\$ or ((multi or multiplicity) near1 carrier\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) ) same ((reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		12-15-2009

	TDBD				
<b>IFFT same ((reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>(multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) ) same IFFT</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>(frequency or frequencies) near1 domain\$</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>((reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) ) same ((frequency or frequencies) near1 domain\$ )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>IFFT and ((reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) same (frequency or frequencies) near1 domain\$ )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>IFFT same (multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>(IFFT same multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) ) and ((reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6</b>	PGPB, USPT, USOC,	ADJ	YES		12-15-2009

or monif\$6) near4((crest near1 factor\$) or PAR) same (frequency or frequencies) near1 domain\$ )	EPAB, JPAB, DWPI, TDBD				
(multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) ) same IFFT	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) same IFFT ) same (frequency or frequencies)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) same IFFT ) same ((frequency or frequencies) near1 domain\$ )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
IFFT same ((frequency or frequencies) near1 domain\$ )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(IFFT same (frequency or frequencies) near1 domain\$ ) and (multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(time near1 interval\$) same (IFFT same (frequency or frequencies) near1 domain\$ )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009

((time near1 interval\$) same IFFT same (frequency or frequencies) near1 domain\$ ) and (multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
((time near1 interval\$) same IFFT same (frequency or frequencies) near1 domain\$ ) and ((reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) ) and (multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(time near1 interval\$) same (multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
((time near1 interval\$) same multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) ) and (IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(time near1 interval\$) and (IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(data near1 symbol\$) or (carrier\$ near1 (frequency or frequencies))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
((data near1 symbol\$) or (carrier\$ near1 (frequency or	PGPB,	ADJ	YES		12-15-2009

frequencies)) ) and ((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	USPT, USOC, EPAB, JPAB, DWPI, TDBD				
(peak near1 value\$) or (combin\$6 or sum\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
((peak near1 value\$) or (combin\$6 or sum\$6) ) and ((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(peak near1 value\$) and ((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
(scal\$6 near4 (vector\$ or position\$)) and ((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
scal\$6 and ((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
vector\$ and ((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6)	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES		12-15-2009

<b>near4((crest near1 factor\$) or PAR) )</b>	DWPI, TDBD				
<b>vector\$ and (scal\$6 and (time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>((time near1 interval\$) and IFFT same (frequency or frequencies) near1 domain\$ and multi-carrier\$ or ((multi or multiplicity) near1 carrier\$) same (reduc\$6 or reducing or decreas\$6 or min or minimiz\$6 or adjust\$6 or chang\$6 or monif\$6) near4((crest near1 factor\$) or PAR) ) and (data near1 symbol\$)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-15-2009
<b>creast-factor-reduced</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>crest-factor-reduced</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>(crest-factor-reduced ) same ADSL</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>(crest near1 factor near1 reduc\$6) or (crest-factor-reduced )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>((crest near1 factor near1 reduc\$6) or crest-factor-reduced ) same ADSL\$</b>	PGPB, USPT,	ADJ	YES		12-16-2009

	USOC, EPAB, JPAB, DWPI, TDBD				
<b>((crest near1 factor near1 reduc\$6) or crest-factor-reduced ) same ADSL</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>IFFT same ((crest near1 factor near1 reduc\$6) or crest-factor-reduced same ADSL\$ )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>((crest near1 factor near1 reduc\$6) or crest-factor-reduced ) same IFFT</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>((crest near1 factor near1 reduc\$6) or crest-factor-reduced same ADSL\$ ) and ((crest near1 factor near1 reduc\$6) or crest-factor-reduced same IFFT )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>(correct\$6 near1 signal\$)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>scal\$6 near6 ((correct\$6 near1 signal\$) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		12-16-2009

	TDBD				
(phase\$ near4 rotat\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((phase\$ near4 rotat\$6) ) same (scal\$6 near6 (correct\$6 near1 signal\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
reduc\$6 near6 ((crest near1 factor\$) or PAR)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
(crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) ) same ((phase\$ near4 rotat\$6) same scal\$6 near6 (correct\$6 near1 signal\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) ) and ((phase\$ near4 rotat\$6) same scal\$6 near6 (correct\$6 near1 signal\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) ) same ((phase\$ near4 rotat\$6) )	PGPB, USPT, USOC,	ADJ	YES		12-16-2009



	EPAB, JPAB, DWPI, TDBD				
((correct\$6 near1 signal\$) same (phase\$ near4 rotat\$6) ) and ((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) ) and ((phase\$ near4 rotat\$6) ) and ((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
superimpos\$6 same ((correct\$6 near1 signal\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
(superimpos\$6 same (correct\$6 near1 signal\$) ) and ((correct\$6 near1 signal\$) and (phase\$ near4 rotat\$6) and (crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
(frequenc\$6 near1 domain\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) ) same ((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009

((correct\$6 near1 signal\$) same (crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) ) same ((frequenc\$6 near1 domain\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) same (crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) ) and ((frequenc\$6 near1 domain\$) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) same (crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) and (frequenc\$6 near1 domain\$) ) and ((phase\$ near4 rotat\$6) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
(carrier\$ near1 frequenc\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) ) same (peak near1 value\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) same (peak near1 value\$) ) same frequenc\$6	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
((correct\$6 near1 signal\$) same (peak near1 value\$) same frequenc\$6 ) and ((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )	PGPB, USPT, USOC, EPAB,	ADJ	YES		12-16-2009

	JPAB, DWPI, TDBD				
<b>superimpos\$6 near6 ((correct\$6 near1 signal\$) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>(superimpos\$6 near6 (correct\$6 near1 signal\$) ) same ((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009
<b>(superimpos\$6 near6 (correct\$6 near1 signal\$) ) and ((crest near1 factor near1 reduc\$6) or crest-factor-reduced or (reduc\$6 near6 ((crest near1 factor\$) or PAR)) )</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-16-2009